

1. Record Nr.	UNINA9910457235103321
Autore	Koningsveld Henk van
Titolo	Compendium of zeolite framework types [[electronic resource]] : building schemes and type characteristics / / Henk van Koningsveld
Pubbl/distr/stampa	Amsterdam ; ; London, : Elsevier, 2007
ISBN	1-281-02360-4 9786611023607 0-08-052461-3
Descrizione fisica	1 online resource (419 p.)
Disciplina	660.2995
Soggetti	Zeolites Mineralogy Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Front cover; Compendium of Zeolite Framework Types: Building Schemes and Type Characteristics; Copyright page; Table of Contents; Preface; Introduction: Entries used in each Framework Type Document; Building Schemes and Type Characteristics; ABW; ACO; AEI; AEL; AEN; AET; AFG; AFI; AFN; AFO; AFR; AFS; AFT; AFX; AFY; AHT; ANA; APC; APD; AST; ASV; ATN; ATO; ATS; ATT; ATV; AWO; AWW; BCT; BEA; BEC; BIK; BOG; BPH; BRE; CAN; CAS; CDO; CFI; CGF; CGS; CHA; -CHI; -CLO; CON; CZP; DAC; DDR; DFO; DFT; DOH; DON; EAB; EDI; EMT; EON; EPI; ERI; ESV; ETR; EUO; EZT; FAR; FAU; FER; FRA; GIS; GIU; GME; GON; GOO; HEUIFR; IHW; IMF; ISV; ITE; ITH; ITW; IWR; IWV; IWW; JBW; KFI; LAU; LEV; LIO; -LIT; LOS; LOV; LTA; LTL; LTN; MAR; MAZ; MEI; MEL; MEP; MER; MFI; MFS; MON; MOR; MOZ; MSE; MSO; MTF; MTN; MTT; MTW; MWW; NAB; NAT; NES; NON; NPO; NSI; OBW; OFF; OSI; OSO; OWE; -PAR; PAU; PHI; PON; RHO; -RON; RRO; RSN; RTE; RTH; RUT; RWR; RWY; SAO; SAS; SAT; SAV; SBE; SBS; SBT; SFE; SFF; SFG; SFH; SFN; SFO; SGT; SIV; SOD; SOS; SSY; STF; STI; STT; SZR; TER; THO; TOL; TON; TSC; TUN; UEI; UFI; UOZ; USI; UTL; VET; VFI; VNI; VSV; WEI; -WEN; YUG; ZON; Appendices Appendix 1. Survey of Cages and of the Codes of Framework Types (FTCs) in which they Appear Appendix 2. Pore Descriptors of Channels

and Cavities that Appear in More than One Framework Type; Appendix 3. Channel Intersections and Cavities that Appear in More than One Framework Type

Sommario/riassunto

This compendium describes all known zeolite framework types. The first part gives a pictorial description of how the framework can be built using periodic building units (PerBUs). The PerBUs are built from smaller units composed of a limited number of T-atoms (such as Si, Al, P, Ga, B, Be etc.) by applying simple operation(s) to the smaller unit, e. g. translation, rotation. The zeolite framework types are analysed in terms of these component PerBUs. The second part covers the larger cages, cavities and/or channels in the zeolite framework together with the framework type codes (FTCs) in which
